

EXPEDITED PROCEDURE

U.S. Patent Application Serial No. 09/212,393

Attorney Docket No.: 981488

11. (Amended) A printing system comprising a host, a controller without a data storage device that receives printing data for each page transmitted from the host and a printer that receives the printing data from the controller and carries out printing while monitoring states of the printer by the controller, is characterized in that:

said controller comprises,

an analyzing unit that analyzes the printing data and manages the number of pages transferred to the printer, and

an error processing unit that passes error data and the number of pages of which printing have been completed to the host when an error occurred in the printer, wherein

when an error occurred in the printer, said host transmits printing data of which printing has not been completed to the controller based on data informed by the controller after the printer is recovered by correcting the error, said controller transfers said printing data to the printer and controls the printer to carry out re-printing for each page.

12. (Amended) A recording medium readable by computers on which programs are recorded which enable a computer to process the steps of receiving without storing printing data for each page from a host, transferring the printing data to a printer and controlling the printer to print the printing data while monitoring states thereof, is characterized in that:

said programs enable said computer to function as an analyzing unit that analyzes the printing data and manages the number of pages transferred to the printer; and

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an error processing unit that informs error data and the number of pages of which printing have been completed to the host when an error occurs in the printer.

19. (Amended) A controller that receives printing data for each page from a host, transfers the printing data to a printer and controls the printer to print the printing data while monitoring states thereof is characterized in that it comprises:

an analyzing unit that analyzes the printing data and manages the number of pages transferred to the printer;

an error processing unit that passes error data and the number of pages of which printing have been completed to the host when an error occurred in the printer; and

wherein said analyzing unit is provided with a plurality of analyzing units corresponding to different types of printers, and one of the analyzing units is selected corresponding to the type of printer connected to the controller.

20. (Amended) A recording medium readable by computers on which programs are recorded which enable a computer to proceed the steps of receiving printing data for each page from a host, transferring the printing data to a printer and controlling the printer to print the printing data while monitoring states thereof, is characterized in that:

said programs enable said computer to function as an analyzing unit that analyzes the printing data and manages the number of pages transferred to the printer; and

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an error processing unit that informs error data and the number of pages of which printing have been completed to the host when an error occurs in the printer; and

wherein said analyzing unit is provided with a plurality of analyzing units corresponding to different types of printers, and one of the analyzing units is selected corresponding to the type of a printer connected to the controller.